

VIDEO SIGNAL MONITORING APPARATUS

ABSTRACT OF THE DISCLOSURE

An apparatus for monitoring a video signal comprises means for detecting a gamut error in an R component, means
5 for detecting a gamut error in a G component, and means for detecting a gamut error in a B component. The means for detecting a gamut error in the R component includes: means for generating a first condition $Y > S - a \times Pr$ (where a is a predetermined coefficient) and a second condition $Y < T -$
10 $a \times Pr$ from a Pr component of a $Y/color$ difference component signal and an upper limit value S and a lower limit value T of the RGB component signal. The apparatus further comprises means for making a gamut error state visually recognizable with respect to the R component when
15 the first condition or the second condition is satisfied.